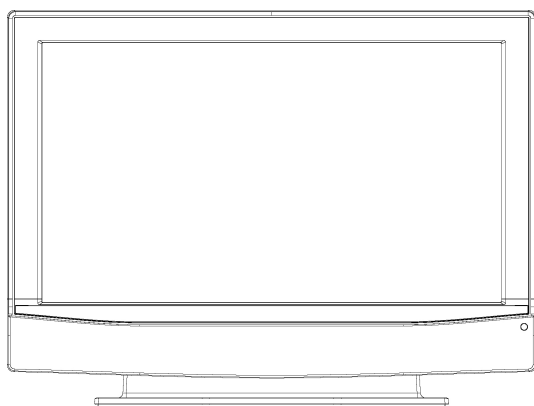




USER'S MANUAL

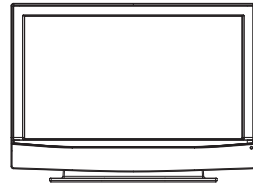
L42H761



ENVISION *Series*

Thank you very much for choosing the AOC Envision Series LCD TV.
We recommend that you take a few minutes to read carefully through this manual before installing and using the TV. Please keep this manual in a safe place for your future reference.

www.AOC.com



LCD TV

USER'S MANUAL

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FOR YOUR SAFETY

Before operating the TV please read this manual thoroughly. This manual should be retained for future reference.

FCC Class B Radio Frequency Interference Statement

WARNING: (FOR FCC CERTIFIED MODELS)

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

NOTICE

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio/TV technician for help.

WARNING:



1. The changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
2. Shielded interface cables and AC power cord, if any, must be used in order to comply with the emission limits.
3. The manufacturer is not responsible for any radio or TV interference caused by unauthorized modification to this equipment. It is the responsibilities of the user to correct such interference.

To prevent fire or shock hazard, do not expose the TV to rain or moisture. Dangerously high voltages are present inside the TV. Do not open the cabinet. Refer servicing to qualified personnel only.

SAFETY: Lamp Disposal



LAMP(S) INSIDE THIS PRODUCT CONTAIN MERCURY AND MUST BE RECYCLED OR DISPOSED OF ACCORDING TO LOCAL, STATE OR FEDERAL LAWS. FOR MORE INFORMATION, CONTACT THE ELECTRONIC INDUSTRIES ALLIANCE AT WWW.EIAE.ORG.

SYMBOL	SYMBOL DEFINITION
 SA 1965	DANGEROUS VOLTAGE: The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electrical shock to persons.
 SA 1966	INSTRUCTIONS: The exclamation point within an equilateral triangle to alert the User to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, Such as vases, Shall be placed on the apparatus.

Caution - Danger of explosion if battery is incorrectly replaced. Replace only with the same or equivalent type.

LCD panel



The LCD panel used in this product is made of glass. Therefore, it can break when the product is dropped or impacted upon by other objects.

The LCD panel is a very high technology product, giving you finely detailed pictures. Occasionally, a few non-active pixels may appear on the screen as a fixed point of blue, green or red. This does not affect the performance of your product. In order to ensure long performance of your set and reduce the risk of screen burning, please observe the following precautions.

- Do not display still images (still computer and video game images, logos, pictures, text and images displayed in 4:3) for extended periods of time;
- Use a screen saver when using a computer;

DECLARATION OF RoHS COMPLIANCE

This product has been designed and manufactured in compliance with Directive 2002/95/EC of the European Parliament and the Council on restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS Directive) and is deemed to comply with the maximum concentration values issued by the European Technical Adaptation Committee (TAC) as shown below:

Substance	Proposed Maximum Concentration	Actual Concentration
Lead (Pb)	0.1%	< 0.1%
Mercury (Hg)	0.1%	< 0.1%
Cadmium (Cd)	0.01%	< 0.01%
Hexavalent Chromium (Cr6+)	0.1%	< 0.1%
Polybrominated biphenyls (PBB)	0.1%	< 0.1%
Polybrominated diphenyl ethers (PBDE)	0.1%	< 0.1%

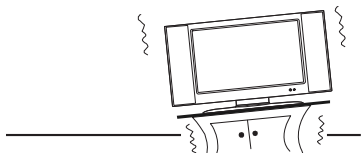
Certain components of products as stated above are exempted under the Annex of the RoHS Directives as noted below:

Examples of exempted components are:

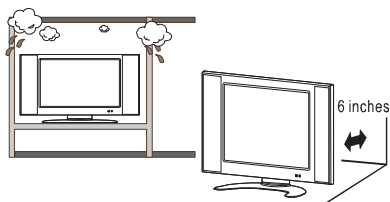
1. Mercury in compact fluorescent lamps not exceeding 5 mg per lamp and in other lamps not specifically mentioned in the Annex of RoHS Directive.
2. Lead in glass of cathode ray tubes, electronic components, fluorescent tubes, and electronic ceramic parts (e.g. piezoelectronic devices).
3. Lead in high temperature type solders (i.e. lead-based alloys containing 85% by weight or more lead).
4. Lead as an alloying element in steel containing up to 0.35% lead by weight, aluminium containing up to 0.4% lead by weight and as a copper alloy containing up to 4% lead by weight.

PRECAUTIONS AND REMINDERS

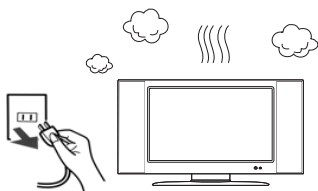
Place unit on even surfaces.



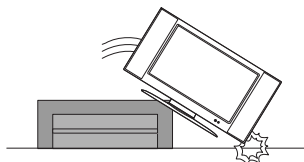
Don't place the TV in confined spaces or in a box when using it.



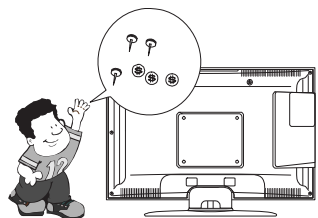
Unplug immediately if it is malfunction like no picture, no video/audio, smoke and bad odor from TV.



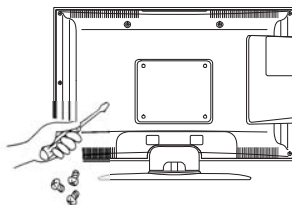
Unplug immediately if other foreign materials are put inside TV box or if the TV fell down.



Don't throw any object inside the TV box like metals or other flammable materials.



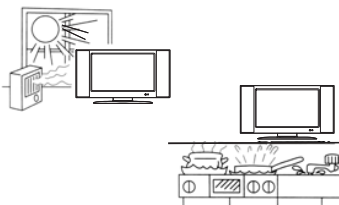
Prohibit/Avoid opening TV cabinet



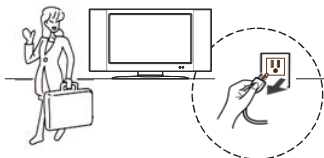
Remember to unplug the AC cord from the AC outlet before cleaning. Do not use liquid cleaners or aerosol cleaners to clean the display.



Avoid direct sunlight, dusty, high humidity and smoky areas.



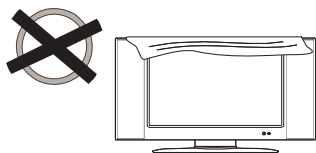
Make sure to unplug the unit when not in use for a long period of time (days).



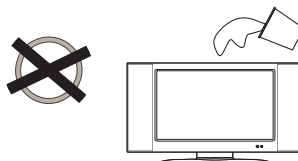
Call service personnel to clean the internal part of the TV once a year.



Do not cover or block any vents and openings. Inadequate ventilation may shorten the life of the display unit and cause overheating.



Do not place the display near water, such as bathtub, washbasin, kitchen sink laundry tub, swimming pool or in a damp basement.



Notice for Remote Controller

Avoid Dropping



Avoid Liquids



Avoid Aerosol Cleaners



IMPORTANT SAFETY INSTRUCTIONS

Read before operating equipment

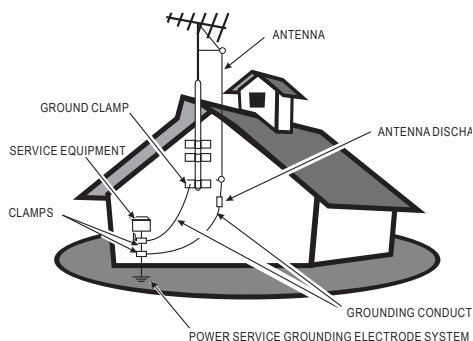
1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with a dry cloth.
7. Do not block any of the ventilation openings. Install in accordance with the manufacturers instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and third grounding prong. The wide blade or third prong is provided for your safety. When the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.



13. The TV should be operated only from the type of power source indicated on the label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
14. Unplug this apparatus during lightning storms or when unused for long periods of time.
15. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
16. This product may contain lead or mercury. Disposal of these materials may be regulated due to environmental considerations. For disposal or recycling information, please contact your local authorities or the Electronic Industries Alliance: www.eiae.org
17. **Damage Requiring Service** – The appliance should be serviced by qualified service personnel when:
 - A. The power supply cord or the plug has been damaged; or
 - B. Objects have fallen, or liquid has been spilled into the appliance; or
 - C. The appliance has been exposed to rain; or
 - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
 - E. The appliance has been dropped, or the enclosure damaged.

18. **Tilt/Stability** – All televisions must comply with recommended international global safety standards for tilt and stability properties of its cabinets design.
 - Do not compromise these design standards by applying excessive pull force to the front, or top, of the cabinet, which could ultimately overturn the product.
 - Also, do not endanger yourself, or children, by placing electronic equipment/toys on the top of the cabinet. Such items could unsuspectingly fall from the top of the set and cause product damage and/or personal injury.
19. **Wall or Ceiling Mounting** – The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
20. **Power Lines** – An outdoor antenna should be located away from power lines.
21. **Outdoor Antenna Grounding** – If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges.

Section 810 of the National Electric Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the masts and supporting structure grounding of the lead-in wire to an antenna-discharge unit, size of grounding connectors, location of antenna-discharge unit, connection to grounding electrodes and requirements for the grounding electrode. See Figure below.



EXAMPLE OF ANTENNA GROUNDING AS PER NATIONAL ELECTRICAL CODE

Note to the CATV system installer: This reminder is provided to call the CATV system installer's attention to Article 820-40 of the NEC that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

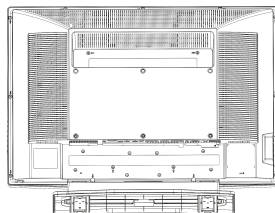
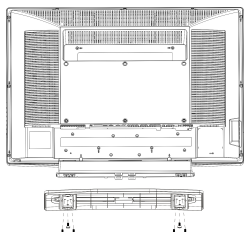
Please, make sure to connect the power plug to the wall outlet socket after connecting the TV to the adapter!

22. **Objects and Liquid Entry** – Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.

MOUNTING THE TV BASE

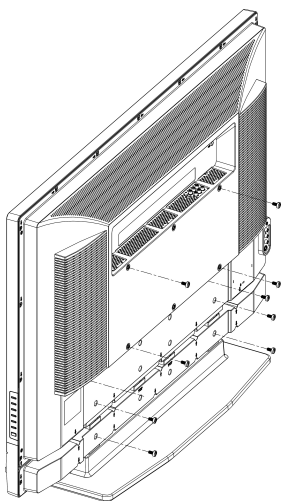
The TV base will be separated with the TV unit. You should install the base before you use the TV unit.

1. Place the TV on its face on a soft blanket.



2. Install the base stand with three screws.
3. Place the TV on the table.

WALL MOUNT

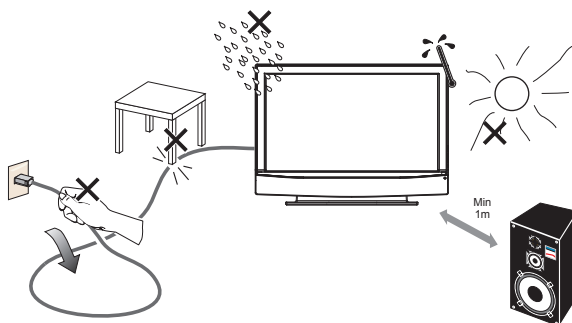


Use of Wall Mount Bracket:

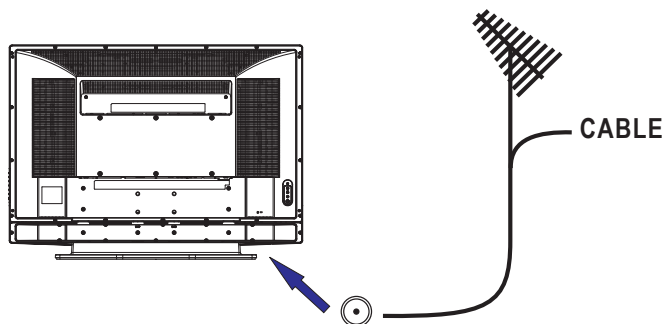
1. Remove the hinger cover.
2. Remove the 6 units M4.0 screws.
3. Remove the base ass'y.
4. Fasten four units M6.0 X 10mm screws to secure the wall mount bracket.

PREPARATION

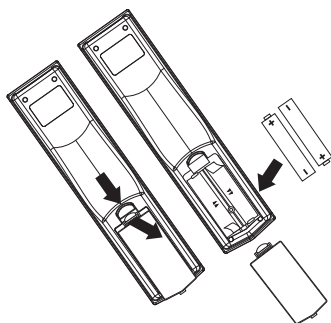
Please, make sure to connect the power plug to the wall outlet socket after connecting the TV to the power cord!



1. Install the base stand; place the TV on a solid surface.
Ensure that the TV is placed in a position to allow free flow of air. Do not cover the ventilation openings on the back cover.
To prevent any unsafe situations, no naked flame sources, such as lighted candles, should be placed on or in the vicinity.
Avoid heat, direct sunlight and exposure to rain or water. The equipment shall not be exposed to dripping or splashing.
2. Connect the antenna cable or CATV cable to the aerial socket ANT IN 75Ω at the back of the TV set.



3. Remote control:
Remove the cover of the battery compartment. Insert the 2 batteries supplied (Type AA 1.5V).
4. Power:



Insert the power cord in the wall socket having an AC power supply. You can see LED states at the front panel. If the LED color is Green, means the TV set is power on. If the LED color is Orange, which means this TV set is in standby state.

5. Turn the TV on:
Push the POWER key on the Remote control or the Front panel control knobs. Wait a minute, the TV will power on and can see the display on the screen

TO USE THE REMOTE CONTROL

POWER

Press to power ON/OFF (standby) TV. (Note: I.TV is never completely power off, unless physically unplugged.)
2. Press to turn on TV after the power on status LED had changed to the amber color and stopped flashing.)

VIDEO

Press repeatedly to choose S-Video/ Composite source mode (Video 1 ~ 4).

COMP

Press repeatedly to choose Component source mode (Video 5 ~ 6).

PC

Press repeatedly to choose VGA or HDMI source mode (Video 7 ~ 9).

TV

Press to choose ATSC/NTSC TV source mode.

0 ~ 9 /- number

Press to enter TV channel number to select channel (Press '-' to indicate choosing the sub-channel).

SLEEP

Press to set a time period (off/30min/60min/90min) after which the TV should switch itself to standby mode.

FREEZE

Press to freeze the displayed picture

VOL- / VOL+

Press + or - to adjust the volume.

MENU

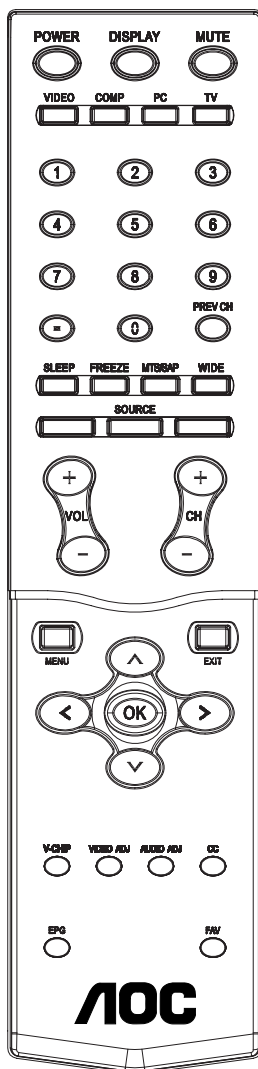
Press to open or exit menu.

"V", "A", "<", ">", "OK"

Press to adjust the various function items on the menu.

DISPLAY

Press to show the information about the input source, TV channel, display resolution and current time



MUTE

Press to set TV sound mute ON/ OFF

PREV CH

Press to display the previous TV .

MTS/SP

Press to activate the NTSC TV sounds, such as: Stereo, SAP or Mono tone.

WIDE

Press to choose the display aspect as: Automatic, Super Zoom, 4:3, Movie expand 14:9, Movie expand 16:9, 16:9 subtitle and widescreen.

SOURCE

Press repeatedly to choose the various input sources (Video 1 ~ 9).

CH-/ CH +

Press + or - to browse through the TV channels or sources..

Exit

Press to exit menu or OSD.

VIDEO ADJ

Press to choose the Brightness or Contrast adjustment.

AUDIO ADJ

Press to switch the ATSC multi-channel TV sounds.

CC

Press repeatedly to change the closed caption type as CC1/CC2/ CC3/CC4/TEXT1/ TEXT2/TEXT3/ TEXT4/Off.

EPG

Press to show the information the same as "DISPLAY" key.

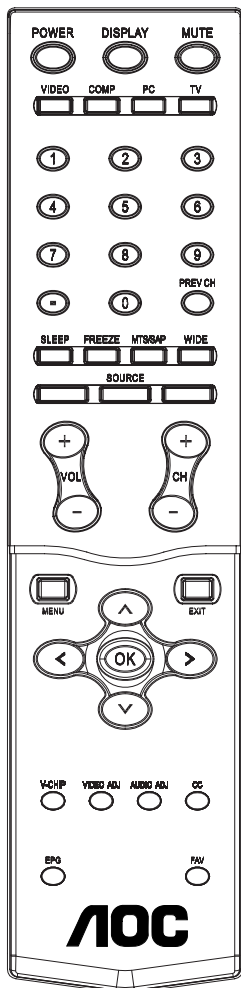
FAV

Press to turn on/off favorite mode (use CH up and down to change after setting the favorite TV channel on Right key).

V-CHIP

Press to lock / unlock Parental Control temporarily. (After setting the restricted table of MPAA or TV Rating.)

WIDE

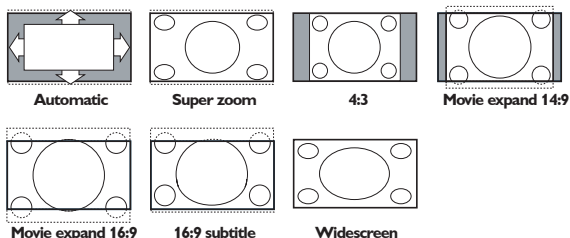


Press this button to display a list of available display formats.

Available display formats are determined by the type of signal you are receiving.

To choose the display format you prefer, press the WIDE button repeatedly:

Automatic, Super Zoom, 4:3, Movie expand 14:9, Movie expand 16:9, 16:9 subtitle and widescreen.



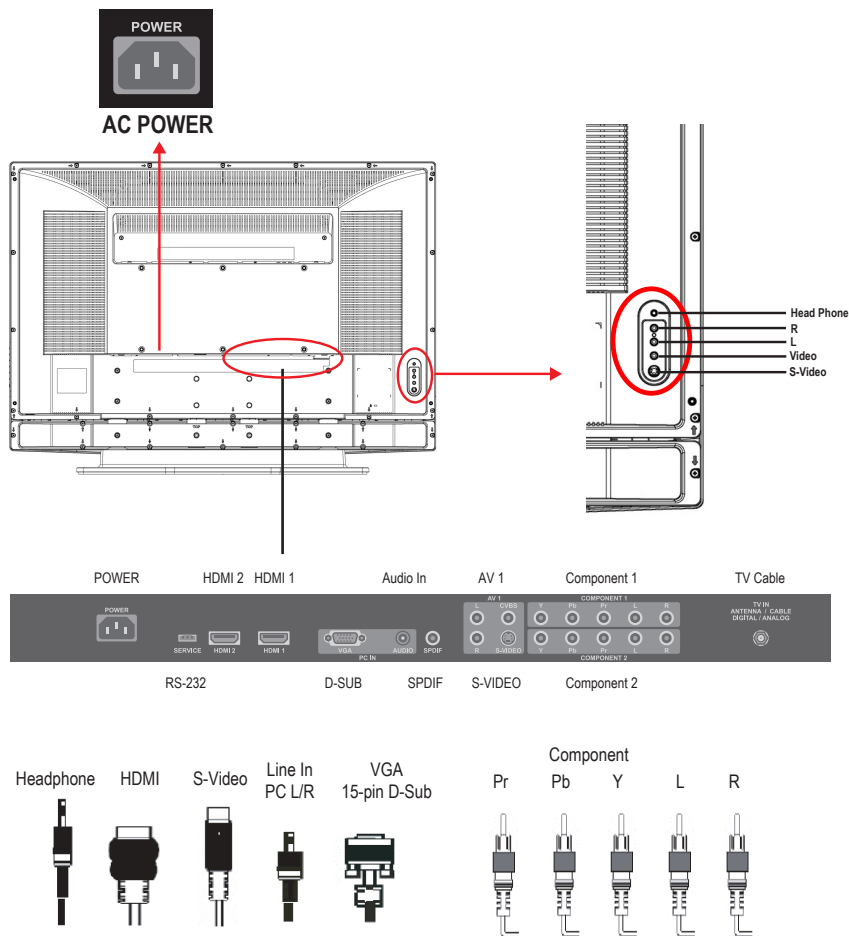
Super Zoom, Movie expand 14:9, Movie expand 16:9 and 16:9 subtitle makes the picture fill the screen as much as possible. It is recommended to press the cursor up/down key to adjust the picture position on the screen.

Super zoom removes the black bars on the sides of 4:3 programs with minimal distortion. When in the Expand 4:3, Compress 16:9, HD 4:3, Movie expand 14:9, Movie expand 16:9 or Super zoom picture format, you can make subtitles visible with the cursor up/down.

Note: Not all screen formats are available when displaying HD sources.

PERIPHERAL CONNECTION GUIDE

English



Once your equipment is connected, use the following procedure to view the input signal:
 Press the source button on the remote controller to select the relevant source to view.
 (ex: Press VIDEO button to select "Composite Rear" if you have connected a video recorder to Composite Rear socket.)

Note: The MUTE key on the remote control works on both TV internal speaker and the earphone output.

HEADPHONE

1. The headphone jack is located at the side of the TV.
2. The MUTE key on the remote control works on both internal speaker and the headphone.
3. Use volume key to adjust the volume

CAMERA CAMCORDER VIDEO GAME

How to connect

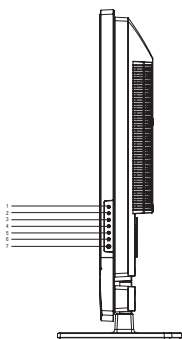
1. Connect the camera, camcorder and game set to the ports of the audio/video set.
2. The camcorder may get better picture by connecting a S-VHS cable between the S terminal and the Audio set.

How to use it

1. Select the video AV or S terminal input.
2. Enable the exterior AV equipment.

Warning: In case you notice scrolling images, wrong colors or no color, no picture or even combinations of these, on your screen, check if the connections are done in the right way. Check if the cable colors match with the Input connector colors.

OPERATION INSTRUCTIONS



1. VOL ▲	VOL +: Press to increase the sound volume level.
2. VOL ▼	VOL - : Press to decrease the sound volume level.
3. CH ▲	CH +: Press to select the next higher Program number or sources..
4. CH ▼	CH - : Press to select the next lower Program number or sources..
5. MENU	Menu key: Press to open or exit the OSD menu.
6. INPUT	Source key: Press to select the input source.
7. POWER	Power key: Press to turn on / off (standby) the TV set. (Please re-turn on TV after the Power-ON status LED had changed to the orange color and finished flashing.)

To use the menus

Introduction

When you use a menu or take an action, convenient instructions, help texts and messages will be displayed on your TV.

Please, follow the displayed instructions and read the help text on the specific item highlighted.

The buttons perform different actions, when using on screen menu. By pressing the corresponding button on the remote control to perform the required action when using these menus.

How to navigate through the Settings menus

The Settings menu allows you to access and change settings and preferences settings.

- Press the **MENU** button on the remote control to display the Settings menu.

- Use cursor up/down to highlight and select a menu item on the left panel.

The right panel shows the content of the menu you have highlighted in the left panel.

Note: Sometimes not all the menu items are visible on the screen. Use cursor down to scroll down to additional items.

- Use the cursor right to enter the right panel.

The content of the right panel is moved to the left panel and the right panel shows the content of the newly highlighted item in the left panel.

Note: In some cases, you will want to watch the picture on your screen while adjusting settings.

This means that when the highlight is on the right side panel, the other menu items are hidden.

When the cursor left is pressed again, the hidden menu items re-appear and the highlight moves to the left panel.

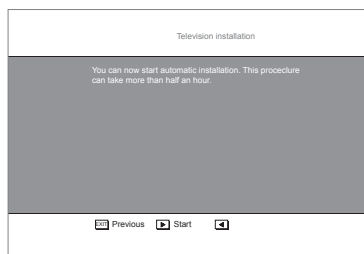
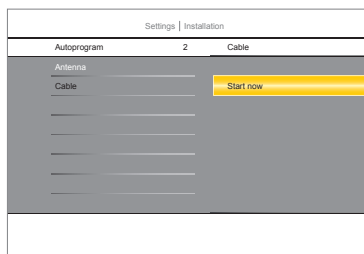
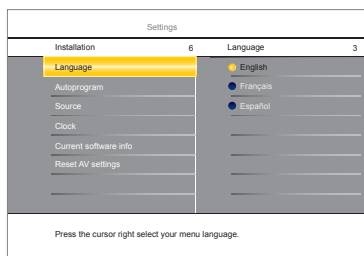
- Press the cursor left to go one menu level up again.
- Press the **OK** button on the highlighted item to activate and to dismiss the menu.
- Press the **MENU** button again to exit the Settings menu.

Note: The menu is also dismissed by pressing one of the color buttons (if present) referring to certain actions which may be executed.

Settings	
Settings	6
Picture	10
Smart picture	
Sound	Contrast
Features	Brightness
Parental Control	Color
Installation	Sharpness
Exit	Color temperature
	Tint
	Noise reduction
The picture menu contains the settings that affect the quality of the picture.	

Settings	
Picture	10
Smart Picture	5
Smart picture	Personal
Contrast	50
Brightness	50
Color	50
Sharpness	3
Color temperature	
Tint	0
Noise reduction	3
Easy selection of optimized predefined picture settings. The TV will return to the last selected setting after start-up.	

TV menu-Installation



Select the menu language

- ❶ Press the **MENU** button on the remote control.
- ❷ Use the cursor down to select **Installation** in the Settings menu.
- ❸ Use the cursor right to enter the Installation menu.
- ❹ Select **Language** and enter the list of available languages with the cursor right.
- ❺ Select your preferred language with the cursor up/down and press the **OK** button to confirm your selection.
- ❻ Proceed with the Installation menu.

Store TV channels

- ❶ Select **Autoprogram** in the Installation menu. Use the cursor right to enter the Autoprogram menu.
- ❷ Select **Cable** or **Antenna** in the Installation mode.
- ❸ When **Antenna** is selected, the TV will detect antenna signals and will search for antenna TV (NTSC and ATSC) channels available in your local area.
When **Cable** is selected, the TV will detect cable company supplied signals and will search for cable TV (NTSC, ATSC, QAM modulated) channels available in your area.
Make sure that registration with your cable TV provider and connection of equipment are completed.
- ❹ Select **Start now** with the cursor right key.
- ❺ Press the **OK** button.
- ❻ Press the green button "**Start**" to start Auto-programming. The menu screen disappears and the progress of Autoprogramming is displayed. The progress bar indicates the number of analog and digital TV channels found.

Auto programming may take up to 20 minutes to complete. Digital channels will take longer than Analog to find and program. Please wait until you see the Auto Programming complete message. The TV will then switch automatically to the first channel found.

Note: All channels must be unlocked in order to auto-program. If requested, enter your PIN code to unlock all channels. (p. 25)

Notes:

- When you have locked TV channels before initiating Autoprogram, a message appears asking to enter your PIN code in order to complete Autoprogramming.
- When channel update is interrupted, the new updated channel information is retained along with the old un-updated channel information.
- Channel information about an ATSC channel is updated only for the ATSC channel currently tuned.
- If an NTSC channel is tuned, then in Background Autoprogramming the TV will scan all the possible ATSC frequencies and update information.
- Weak channel installation allows you to manually tune weak ATSC channels in order to adjust the antenna and thus optimize signal quality for that channel. (See Installation menu, Weak channel installation, p. 14.)
- Once you have searched for the available Antenna as well as the Cable TV channels, they are stored in the memory.
- If Antenna/cable signal is interrupted more than 30 minutes, TV will go into off mode. You are requested to press **Power** button or **CH + / -** button to turn on the TV.

Channel tuning

Available channels:

- Cable (analog NTSC or digital QAM)
- Terrestrial (analog NTSC or digital ATSC)

If a tuned channel is not yet in the master channel map, the TV will attempt to tune to the channel and it will be added to the map.

If the channel is not acquired, a message will appear reporting that the channel is not available. When you tune an audio-only digital subchannel, a display appears with the message Audio only.

Note: Digital Channel selection delay

Due to the tuning complexity of subchannel digital programming, the time to select and view a digital channel may take slightly longer than what the viewer is normally accustomed to (as compared to analog channel programs). Digital channel broadcasts contain program and system data information that must be processed before the channel selection can be displayed.

Note: Subchannel selections

The new standards employed with digital broadcasting make it possible to receive multiple program channels under a single major channel number which can be selected by pressing the digit remote control direct-access channel number entry.

Important:

After the installation of the TV channels is completed, always make a selection in the Installation menu between Antenna or Cable whether you want to watch Antenna TV channels or Cable TV channels.

If you make use of a signal splitter do not forget to put the switch in the corresponding position.

Weak channel installation

Antenna reception for broadcast channels may vary.

If you are having difficulties acquiring weaker signals, we suggest you use: Weak Signal Installation feature. Here's how:

In the antenna mode, select a channel from the displayed list of TV channels. Select the "Start" by pressing red button on the remote control; TV set will detect the signal.

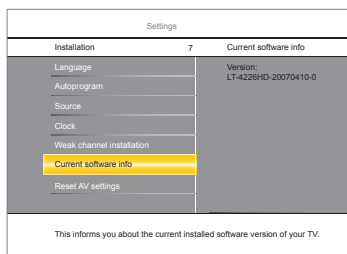
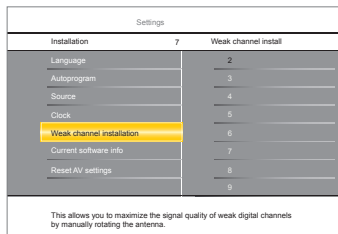
The signal strength is continuously displayed and updated as you rotate the antenna.

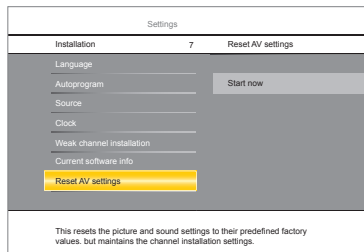
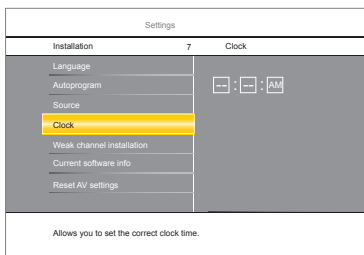
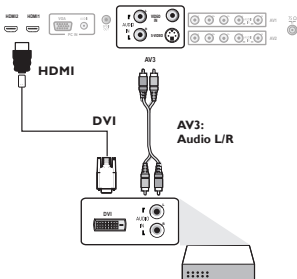
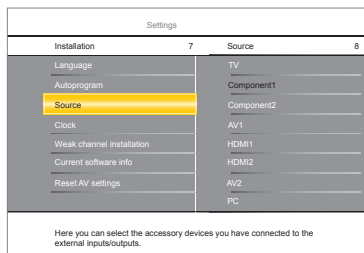
When strength is enough to identify, user can store the channel in the channel list by pressing green button on the remote control.

Current software info

This menu will appear with your TV software information.

- 1 Press the **MENU** button on the remote control.
- 2 Use the cursor down to select **Installation** in the Settings menu.
- 3 Using the cursor up/down to choose **Current software info** the TV software information is displayed.





Source

This menu allows you to identify the accessory devices you have connected to the external inputs/outputs.

- 1 Press the **MENU** button on the remote control.
- 2 Use the cursor down to select **Installation** in the Settings menu.
- 3 Using the cursor up/down to choose **Current software info** the TV software information is displayed.

Analog Audio In

If your accessory device has a DVI output connector, only the video signal is transmitted in digital format. To input an audio signal, please connect the analog audio L and R outputs to the TV's L and R AV3 audio input plugs.

Digital Audio Out

In addition to accepting audio input through **HDMI**, the TV can output Digital audio through the **DIGITAL AUDIO OUT** (SPDIF OUT) connector to an external amplifier or receiver.

If your amplifier or receiver has a matching connector for Digital Audio In, you can connect it with a single cable to the TV's **DIGITAL AUDIO OUT** (SPDIF OUT). See Cover and Connection.

Clock

This allows you to use your TV as a clock.

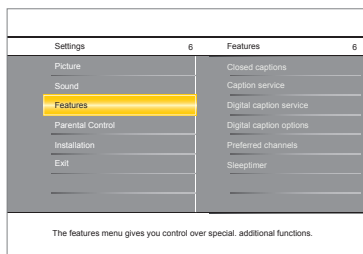
- 1 Press the **MENU** button on the remote control.
- 2 Use the cursor down to select **Installation** in the Settings menu.
- 3 Press the cursor right to enter the list, and press up/down key to set the time. (hour/ minute/ AM or PM)
- 4 Press **OK** button to confirm.

Reset AV settings

This function allows you to reset most of the picture and sound settings to their default factory levels.

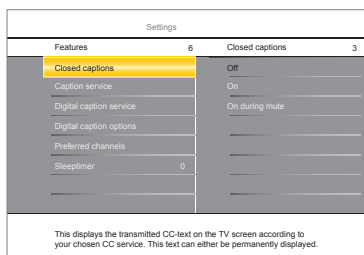
- 1 Select **Reset AV settings** with the cursor down key.
- 2 Press the cursor right key.
- 3 Press the **OK** button to erase settings and reset them to their default values.

TV menu-Features



Features menu

- 1 Select **Features** in the TV Settings menu.
- 2 Press the cursor right key to enter the features menu.
- 3 Select the menu items with the cursor up/down key and adjust the settings with the cursor left/right key.

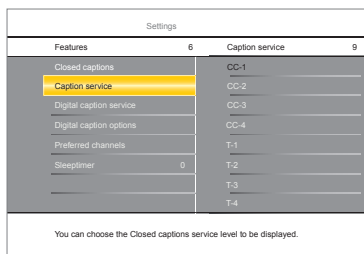


Closed captions

This displays the transmitted CC- or CS-text on the screen according to your chosen CC or CS service in the **Feature** menu.

This text can either be permanently displayed (assuming that the service is available in the broadcast) or only when mute is active.

- 1 Press the cursor right key after having selected
- 2 Closed captions.
Select On, Off or On during mute.



Caption service

This allows you to select the Closed Captions service levels of analog broadcasting to be displayed. Closed Captioning allows you to read the voice content of television programs on the TV screen. Designed to help the hearing impaired, this feature uses on-screen 'text boxes' to show dialogue and conversations while the TV program is in progress. Captions will appear on the screen during captioned broadcasts.

- 1 Select **Captions service**.
- 2 Press the cursor right key.
- 3 Select the desired Caption service:

- CC 1,2,3 or 4

Dialogue (and descriptions) for the action on the captioned TV program shows on screen. Usually CC1 is the most used. CC2 may be used for alternate languages if they are being transmitted.

- T 1,2,3 or 4

Often used for channel guide, schedules, bulletin board information for Closed Captions programs, news, weather informations or stock market reports.

Not all Caption services are necessarily being used by a TV channel during the transmission of a Closed Caption program.

- 4 See Closed Caption in the TV, Features menu, to turn the Caption service On or Off.

Note: This television provides display of television closed captioning conforming with the EIA-608 standard and in accordance with Sections 15.119 of the FCC rules.

Note: The captions do not always use correct spelling and grammar. Not all TV programs and product commercials are made for broadcast with Closed Caption informations included. Refer to your area's TV program listings for the TV channels and times of Closed Caption programming. Captioned programs are usually noted in the TV listings with service marks such as 'CC'.

Settings	
Features	6
Closed captions	Digital caption serv
Caption service	6
Digital caption service	CS-1
Digital caption options	CS-2
Preferred channels	CS-3
Sleep timer	CS-4
	CS-5
	CS-6
This allows you to select one of the digital service channel made available by the individual caption provider.	

Digital caption service

This allows you to configure the way you choose to view digital captioning.

Select one of the digital service channels made available by the caption provider.

There are six standard services. Service 1 is designated as the Primary Caption Service. This service contains the verbatim, or near-verbatim captions for the primary language being spoken in the accompanying program audio.

Service 2 is designated as the Secondary Language Service.

This service contains captions in a secondary language, which is a translation of the captions in the primary Caption Service. The other service subchannels are not pre-assigned.

It is up to the discretion of the individual caption provider to utilize the remaining service channels.

Settings	
Features	6
Closed captions	Digital caption options
Caption service	5
Digital caption service	Reset to default
Digital caption options	Size
Preferred channels	Style
Sleep timer	Text
	Background
These options allow you to select a variety of character font representations, text colors and sizes and other attributes.	

Digital caption options

This allows you to modify how digital captions are displayed on your TV. Select from the following options to change the visual characteristics of your TV's digital captioning.

• Reset to default

Select this option to reset the digital caption options to the captions provider default settings. Press the **OK** button to confirm.

• Size

Select this option to choose a caption display size according to your own preference. Select **Default (Automatic)**, **Small**, **Standard** or **Large** and press the **OK** button to confirm.

• Style

Select this option to choose a caption display font style according to your own preference. Select **Default**, **Monospaced serif**, **Serif**, **Monospaced sans serif**, **Sans serif**, **Casual**, **Curative** or **Small caps**.

• Text

Select this option to choose caption display text box, text color and/or the opacity according to your own preference.

Select a color and an opacity option.

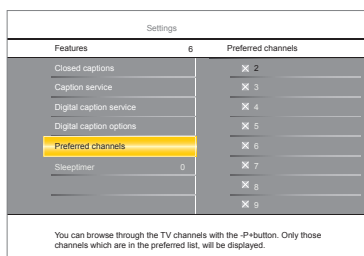
• Background

Select this option to choose caption display character back ground color or one of the background opacity options according to your own preference. Select a color and one of the opacity options.

Note: Opacity is transparent (allowing light to pass through)

• Edge

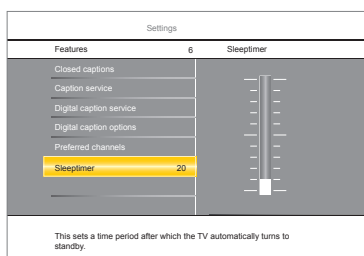
Select this option to choose caption display edge color or one of the type options according to your own preference.



Preferred channels

A channel, when installed, is marked as preferred by default and added to the channel list. This feature provides the ability to remove a channel number from the channel list.

- 1 Select **Preferred channels** with the cursor down key.
- 2 Press the cursor right key to enter a list with all stored channel numbers.
- 3 Select the channel you want to remove with the cursor down key.
- 4 Press **OK**.
- 5 Repeat to remove other channels.



Sleeptimer

This sets a time period after which the TV automatically turns to standby.

- 1 Select **Sleeptimer**.
- 2 Press the cursor right key.
- 3 Select a value with the cursor up/down key. The list will have values from Off to 180 minutes. When **Off** is selected, the sleeptimer is turned off. You can always turn off your TV earlier or select another time set.

TV menu-Picture & Sound

Settings		6	Picture	10
Picture			Smart picture	
Sound			Contrast	
Features			Brightness	
Parental Control			Color	
Installation			Sharpness	
Exit			Color temperature	
			Test	
			Noise reduction	

The picture menu contains the settings that affect the quality of the picture.

Settings		Picture	10	Smart Picture	5
Smart picture				Personal	
Contrast	50			Rich	
Brightness	50			Natural	
Color	50			Soft	
Sharpness	3			Power saver	
Color temperature					
Test	0				
Noise reduction	3				

Easy selection of optimized predefined picture settings. The TV will return to the last selected setting after start-up.

Picture menu

Note: Some menu items are not available in case of HD sources.

- 1 Select **Picture** in the TV Settings menu.
- 2 Press the cursor right key again to enter the Picture menu.
- 3 Select the menu items with the cursor up/down key.
- 4 Adjust the settings with the cursor left/right key or enter the list of submenu items with the cursor right key. Select a submenu item with the cursor up/down key.

Smart picture

- 1 Select **Smart picture** to display a list of predefined picture settings, each corresponding with specific factory settings.

Personal refers to the personal preference settings of picture in the picture menu.

Note: This Magnavox TV has been set at the factory to look best in bright store environments, which typically use fluorescent lighting. As your home will likely not be as well lit as a store, we recommend that you cycle through the various smart picture modes to find the one that best suits your own viewing conditions. Most consumers will find that **Natural** is the correct choice.

- 2 You can press the **Smart picture** button on the remote control repeatedly to select either Personal, Rich, Natural, Soft, or Power saver picture settings.

Note:

* When you watch programs by Composite Video signal, it's recommended to select **Soft or Power saving Mode** via Smart picture.

* The moment you are in a predefined Smart picture setting and you modify the Picture menu, all values of the menu will overwrite those previously made in personal setting.

Contrast

This will adjust the intensity of bright parts in the picture but keep the dark parts unchanged.

Brightness

This will adjust the light output of the complete picture, which will mainly affect the darker areas of the picture.

Color

This will adjust the saturation level of the colors to suit your personal preference.

Sharpness

This will adjust the sharpness of fine details in the picture.

Color temperature

This will increase or decrease **Warm** (red) and **Cool** (blue) colors to suit personal preferences. Select **Cool** to give the white colors a blue tint, **Normal** to give the white colors a neutral tint, **Warm** to give the white colors a red tint.

Tint

Allows you to select the picture's color mix or hue.

Noise Reduction

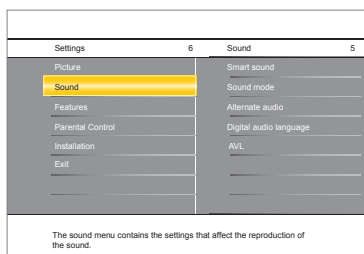
Reduce picture noise.

Dynamic contrast

Enhance contrast ratio.

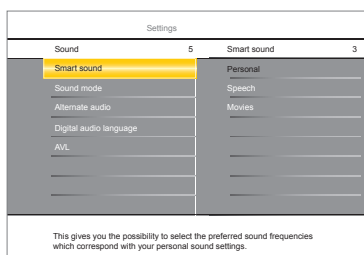
Picture format

This menu item performs the same as the **FORMAT** button on the remote control. See Use of the remote control, p.9.



Sound menu

- ① Select **Sound** in the TV Settings menu.
- ② Press the cursor right key to enter the sound menu.
- ③ Select the menu items with the cursor up/down key and adjust the settings with the cursor left/right key.
- ④ Remember, control settings are at normal mid-range levels when the bar scale is entered.



Smart sound

Select Smart sound to display a list of predefined sound settings, each corresponding with specific factory settings of Treble and Bass.

- ① Press the cursor right key to enter the list.
- ② Press the cursor up/down key to select a predefined sound setting. Personal refers to the personal preference sound settings in the sound menu.

Note: The moment you are in a predefined Smart sound setting and you modify the Sound menu, all values of the menu will overwrite those previously made in personal setting.

Settings	
Sound	5
Smart sound	Sound mode
Sound mode	Mono
Alternate audio	Stereo
Digital audio language	Virtual Surround
AVL	
This selects the modes for more spatial or surround sound reproduction.	

Sound mode

This select the modes for more spatial or surround sound reproduction dependent on the broadcast signals or signals from external inputs received.

Settings	
Sound	5
Smart sound	Alternate audio
Sound mode	Main
Alternate audio	SAP
Digital audio language	
AVL	
This gives you the possibility to swap between the Main and Second Audio program(SAP) when it is available.	

Alternate audio

This gives you the possibility to swap between "Main" and second audio program (SAP), when it is available in analog channel.

Settings	
Sound	5
Smart sound	Digital audio language
Sound mode	English
Alternate audio	Frangals
Digital audio language	Español
AVL	
This allows you to select an audio language out of the list of the available broadcasted languages for the current digital problems.	

Digital audio language

This gives you the possibility to swap between main and alternative language, when it is available in digital channel.

Settings	
Sound	5
Smart sound	AVL
Sound mode	Off
Alternate audio	On
Digital audio language	
AVL	
This automatically reduces volume differences between channels and programs, providing a more constant overall level. This will also	

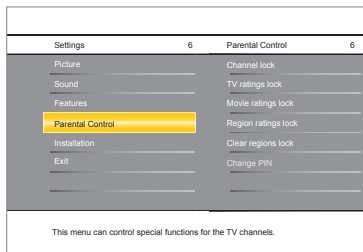
AVL (Automatic Volume Leveler)

Automatically reduces the volume differences between channels and programs, providing a more constant overall level. This will also reduce the dynamics of sound.



Manufactured under license from Dolby Laboratories. 'Dolby' and the double-D symbol are trademarks of Dolby Laboratories.

TV menu-Parental Control



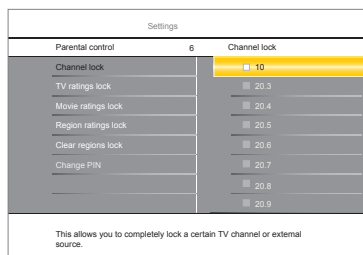
Parental Control menu

This menu can control special functions for the TV channels.

- 1 Select **Parental Control** in the TV settings menu with the cursor up/down key.
- 2 Press the cursor right to enter the channels menu.
- 3 Press the cursor up/down key to select a channels menu item.

Channel lock

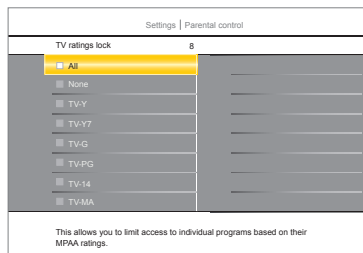
This allows you to completely lock a certain TV channel or external source. Select the channels or subchannels you want to lock and press **OK** to confirm.



TV ratings lock

Your TV is equipped with a V-chip. This allows you to control access to individual programs based on their movie and TV ratings. All settings apply to all AV inputs, except HDMI. The program content advisory data are sent by the broadcaster or program provider.

- 1 Select **TV ratings lock** with the cursor down. A list appears, showing the age-based TV ratings and a corresponding content-based ratings list.
- 2 Press the cursor right to enter the list.
- 3 Select an age-based TV rating with the cursor up/down, and enter, if present, the list with content-based ratings with the cursor right, and select one content-based rating.
- 4 Press **OK** to activate/de-activate the selected rating. You are asked to enter your PIN-code (see Set/Change PIN, p. 25). If the code is correct, the TV ratings lock menu reappears.
- 5 Select another content-based rating if you like and press **OK** again.



You need only enter your PIN-code once while the menu is active. You can lock/unlock any number of ratings on the list without re-entering your code.

Each ratings item has a box-graphic in front of it to indicate whether or not programs carrying that rating are currently locked:

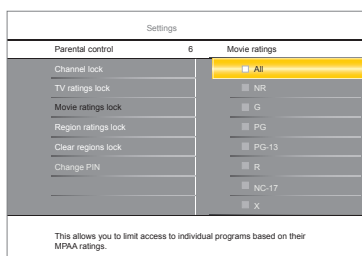
- ☒ : all items in the contents-based list are locked as well;
- ☐ : the item is unselected;
- ☒ : some content-based ratings are selected/unselected.

Age-based Rating	Content-based Rating
All	none
None	none
TV-Y	none
TV-Y7	(FV) Fantasy Violence
TV-G	none
TV-PG	(D) Dialog (L) Language (S) Sex (V) Violence
TV-14	(D) Dialog (L) Language (S) Sex (V) Violence
TV-MA	(L) Language (S) Sex (V) Violence

When **All** has been selected, all items in the age-based and in the contents-based lists are locked. If, while **All** is selected, any other item, either an age-based or content-based item, is unselected, then All is automatically unselected.

None is the selection for items that either have no rating information or have a rating of **None**. Both will be locked. When an item on the age-based list is selected, all items below that item of the same group are locked as well. When you select a content-based rating, all identical content-based ratings in the younger age-based categories are also selected.

TV-Y	appropriate for children of all ages with themes and elements suitable for children aged 2-6
TV-Y7	programs designed for children age 7 and older
TV-Y7-FV	programs include fantasy violence more intense than other programs in the TV-Y7 category
TV-G	programs suitable for all ages. These programs contain little or no violence, no strong language and little or no sexual dialogue or situations
TV-PG	programs contain elements that some parents may find unsuitable for younger children and which may need parental guidance. The program may contain moderate violence, sexual dialogue and/or situations and some strong language.
TV-14	programs contain elements that may not be suitable for children under 14 years of age. These programs include one or more of the following: intense violence, intense sexual situations, suggestive dialogue and strong language.
TV-MA	programs are designed to be viewed by adults and may be unsuitable for children under the age of 17. These programs may contain graphic violence, explicit sexual activity and/or crude or indecent language.



Movie Ratings Lock

This function allows you to control access to individual movies based on their MPAA ratings (Motion Picture Association of America).

- ❶ Select Movie ratings lock with the cursor down. A list appears, showing all valid MPAA content ratings.
- ❷ Press the cursor right to enter the list. You are asked to enter your code. (See Set/Change PIN, p. 25.) If the code is correct, the Movie ratings lock menu reappears.
- ❸ Select a movie rating with the cursor up/down. Press OK to activate/de-activate the selected rating.

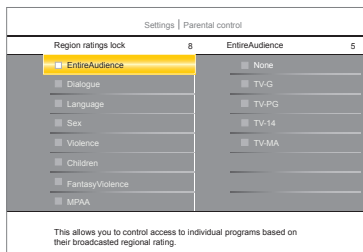
Each rating item has a box-graphic in front of it to indicate whether or not programs carrying that rating are currently locked:

- ☒ : movies with this rating are locked;
- ☐ : movies with this rating are unlocked.

When **All** has been selected, all items on the movie ratings list become selected. (**All** movies are locked.) If, while **All** is selected, any other item is unselected, then **All** is automatically unselected.

When **NR** has been selected, no other item is selected. When any other item has been selected, all ratings below are selected as well, thus all movies with those ratings will be locked.

NR	not rated
G	movies with a mild content, suitable for all ages
PG	movies for which parental guidance is recommended. They may contain a few racy or violent scenes or maybe some bad language
PG-13	movies for which parental guidance may be recommended if under age 13
R	restricted. The movies usually contain offensive sex or bad language and may be unsuitable for children under the age of 17. Parental guidance or permission needed.
NC-17	even with parental permission, forbidden under age 17. More offensive sex, violence or bad language.
X	movies which generally focus on sex, violence and/or bad language. Also known as pornography.



Region ratings lock

This allows you to control access to individual programs base on their broadcasted regional rating.

- 1 Select **Region ratings lock** with the cursor down. A list appears, showing the age-based Region ratings and a corresponding content-based ratings list.
- 2 Press the cursor right to enter the list.
- 3 Select an age-based Region rating with the cursor up/down, and enter, if present, the list with content-based ratings with the cursor right, and select one content-based rating.
- 4 Press **OK** to activate/de-activate the selected rating. You are asked to enter your PIN-code (see Set/Change PIN, p. 25). If the code is correct, the Region ratings lock menu reappears.
- 5 Select another content-based rating if you like and press **OK** again.

You need only enter your PIN-code once while the menu is active. You can lock/unlock any number of ratings on the list without re-entering your code. Each ratings item has a box-graphic in front of it to indicate whether or not programs carrying that rating are currently locked:

- ☒ : all items in the contents-based list are locked as well;
- ☐ : the item is unselected;
- ☒ : some content-based ratings are selected/unselected.

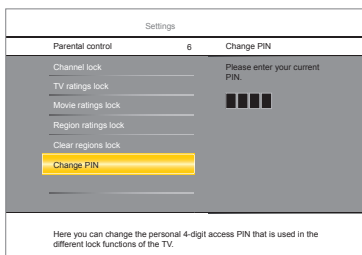
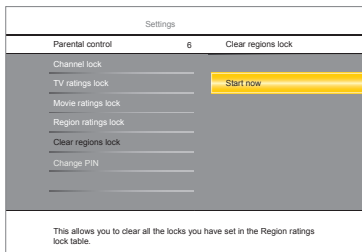
Clear regions lock

This allows you to clear all the locks that you have set in the Region ratings lock table.

- 1 Select **Clear regions locks** with the cursor down.
- 2 Enter your PIN-code to clear all region ratings' status.

Change PIN

- 1 Select **Set** or **Change PIN** with the cursor down.
- 2 If no PIN-code exists, the menu item is set to **Set PIN**. Follow the instructions on screen. If a PIN-code has previously been entered, the menu item is set to **Change PIN**. Follow the instructions on screen. All number combinations from 0000 to 9999 are valid numbers.
- 3 The menu reappears with a message confirming that the PIN has been created.



Important: you have forgotten your PIN!

- 1 Select **Change PIN** in the Menu preferences menu and press the cursor right key.
- 2 Press the cursor right key to enter the overriding PIN code **0-7-1-1**.
- 3 Press the cursor again and enter a new personal 4-digit PIN code. The previous code is erased and your new PIN-code is stored.

PC menu-Installation

English

Settings	
Installation 4	Language 3
Language	English
Source	Francia
Picture adjustment	Español
Factory reset	
Select your menu language with the cursor up/down. Press the OK key on the remote control to confirm.	

Select the menu language

Note: Press SOURCE button on the remote control to make sure the source is selected in PC mode.

- 1 Press the **MENU** button on the remote control.
- 2 Use the cursor down to select **Installation** in the Settings menu.
- 3 Use the cursor right to enter the Installation menu.
- 4 Select **Language** and enter the list of available languages with the cursor right.
- 5 Select your preferred language with the cursor up/down and press the **OK** button to confirm your selection.
- 6 Proceed with the Installation menu.

Settings	
Installation 4	Source 8
Language	TV
Source	Component1
Picture adjustment	Component2
Factory reset	AV1
	HDMI1
	HDMI2
	AV2
	PC
Here you can select the accessory devices you have connected to the external inputs/outputs.	

Source

- 1 Select **Source** in the Installation menu.
- 2 Use the cursor right to enter the Source menu.
- 3 Select **PC** with the cursor up/down and press the **OK** button to confirm your selection.

Picture adjustment

- 1 Select **Picture adjustment** in the Installation menu.
- 2 Use the cursor right to enter the Picture adjustment menu.
- 3 You can choose **Auto adjust** or **Manual adjust** with cursor up/down and press **OK** button to confirm.

Auto adjust

Automatically adjust to the best image position, phase and clock setting.

Manual adjust

Manually fine tune the image as it appears on the screen.

- **Phase**
Eliminates the horizontal interfering lines.
- **Clock**
Eliminates the vertical interfering lines.
- **Horizontal**
Adjust the horizontal placement of the picture.
- **Vertical**
Adjust the vertical placement of the picture.

Settings	
Installation 4	Picture adjustment 2
Language	Auto adjust
Source	Manual adjust
Picture adjustment	
Factory reset	
Here you can automatically or manually adjust to the picture of PC mode.	

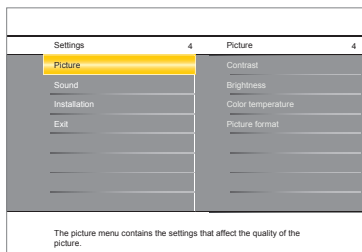
Settings	
Installation 4	Factory reset
Language	
Source	Start now
Picture adjustment	
Factory reset	
This resets the setting to their predefined factory values.	

Factory reset

This function allows you to reset most of the picture and sound settings to their default factory levels.

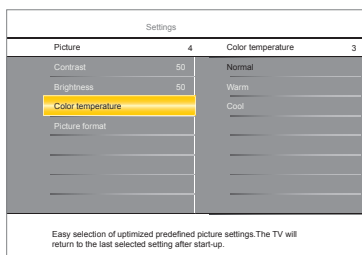
- 1 Select **Factory reset** in the Installation menu.
- 2 Use the cursor right to enter the Factory reset menu.
- 3 Press the **OK** button to erase settings and reset them to their default values.

PC menu-Picture



Picture menu

- ❶ Select **Picture** in the TV Settings menu.
- ❷ Press the cursor right key again to enter the Picture menu.
- ❸ Select the menu items with the cursor up/down key.
- ❹ Adjust the settings with the cursor left/right key or enter the list of submenu items with the cursor right key. Select a submenu item with the cursor up/down key.

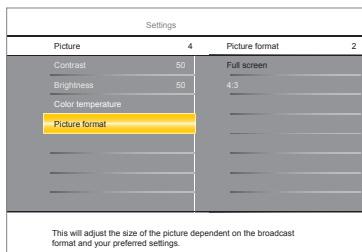


Contrast

This will adjust the intensity of bright parts in the picture but keep the dark parts unchanged.

Brightness

This will adjust the light output of the complete picture, which will mainly affect the darker areas of the picture.



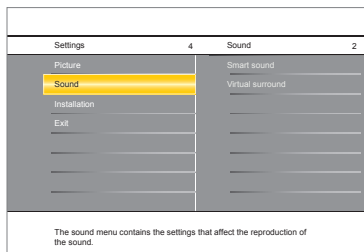
Color temperature

This will increase or decrease **Warm** (red) and **Cool** (blue) colors to suit personal preferences. Select **Cool** to give the white colors a blue tint, **Normal** to give the white colors a neutral tint, **Warm** to give the white colors a red tint.

Picture format

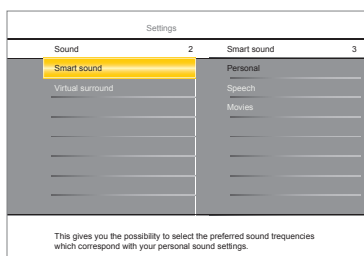
This menu item performs **4:3** or **Full screen** in PC mode.

PC menu-Sound



Sound menu

- ❶ Select **Sound** in the TV Settings menu.
- ❷ Press the cursor right key to enter the sound menu.
- ❸ Select the menu items with the cursor up/down key and adjust the settings with the cursor left/right key.
- ❹ Remember, control settings are at normal mid-range levels when the bar scale is entered.

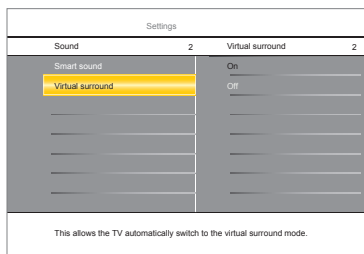


Smart Sound

Select Smart sound to display a list of predefined sound settings, each corresponding with specific factory settings of Treble and Bass.

- ❶ Press the cursor right key to enter the list.
- ❷ Press the cursor up/down key to select a predefined sound setting. Personal refers to the personal preference sound settings in the sound menu.

Note: The moment you are in a predefined Smart sound setting and you modify a setting in the Sound menu, all values of the menu will overwrite the previously made in personal setting.



Virtual surround

Adds greater depth and dimension to PC sound.

TIPS

Care of the screen

Do not rub or strike the screen with anything hard as this may scratch, mar, or damage the screen permanently.

Unplug the power socket before cleaning the screen. Dust the TV by wiping the screen and the cabinet with a soft, clean cloth. If the screen requires additional cleaning, use a clean, damp cloth. Do not use liquid cleaners or aerosol cleaners.

Mobile telephone warning

To avoid disturbances in picture and sound, malfunctioning of your TV or even damage to the TV, keep away your mobile telephone from the TV.

End of life directives

We are paying a lot of attention to produce environmentally friendly in green focal areas. Your new receiver contains materials which can be recycled and reused.

At the end of its life specialized companies can dismantle the discarded receiver to concentrate the reusable materials and to minimize the amount of materials to be disposed of.

Please ensure you dispose of your old receiver according to local regulations.

BEFORE CALLING SERVICE

Please make these simple checks before calling service. These tips may save you time and money since charges for receiver installation and adjustments of customer controls are not covered under your warranty.

Symptoms	Items to Check and Actions to follow
"Ghost " or double image	*This may be caused by obstruction to the antenna due to high rise buildings or hills. Using a highly directional antenna may improve the picture.
No power	*Check that the TV's AC power cord is plugged into the mains socket. *Unplug the TV, wait for 60 seconds. Then re-insert plug into the mains socket and turn on the TV again.
No picture	*Check antenna connections at the rear of the TV to see if it is properly connected to the TV. *Possible broadcast station trouble. Try another channel. *Adjust the contrast and brightness settings. *Check the Closed Captions control. Some TEXT modes could block the screen,
Good picture but no sound	*Increase the VOLUME. *Check that the TV is not muted; press the MUTE button on the remote control.
Good sound but poor color	*Adjust the contrast, color and brightness settings.
Poor picture	*Sometimes, poor picture quality occurs when having activated an S-VHS camera or camcorder connected and having connected another peripheral at the same time. In this case switch off one of the other peripherals
Snowy picture and noise	*Check the antenna connection
Horizontal dotted line	*This may be caused by electrical interference (e.g. hairdryer, nearby neon lights, etc.) *Turn off the equipment.
Television not responding to remote control	*Check whether the batteries are working. Replace if necessary *Clean the remote control sensor lens on the TV. *You can still use the buttons at the front of your TV. *Select the TV mode to be sure your remote control is in the TV mode.

GLOSSARY

Audio / Video Inputs

Located on the rear and the front of the receiver these connectors (RCA phono type plug) are used for the input of audio and video signals. Designed for use with VCRs (or other accessories) in order to receive higher picture resolution and offer sound connection options.

S-Video Input

Allows direct connection of high-resolution video sources, such as a Super VHS videocassette recorder, Laser Disc player, etc. Provides improved picture resolution, sharpness, and clarity.

Menu

An on-screen listing of feature controls shown on the TV screen that are made available for user adjustments.

Programming

The procedure of adding or deleting channel numbers into the TV's memory.

In this way the TV 'remembers' only the locally available or desired channel numbers and skips over any unwanted channel numbers.

RF

Radio Frequency or modulated signal design used as the carrier for television broadcasts.

Sleep Timer

Function with which you can set a time period after which the TV should turn itself off.

PRODUCT SPECIFICATION

Feature	42" Wide screen Full HD (1920x 1080) Resolution High Brightness (500 cd/m2) High Contrast Ratio (1500:1) Wide Viewing Angle (176 H / 176 V) Analog TV: Built-in 181 channel Tuner with MTS, SAP, Closed Caption & V-chip Digital TV: ATSC 8-VSB
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Items		Specification	
LCD Panel	Resolution	1920 × 1080 (Full HD)	
	Video System	ATSC 8-VSB, MP@HL/MP@ML	
Digital TV	Sound System	PCM/MPEG(Layer I &II)	
	Video System	NTSC 181 Channel with Electronic PLL Tuner	
Analog TV	Sound System	MTS + SAP	
	AV1 (Component 1)	Y, Pb, Pr×1	Audio L/R ×1
Audio Input	AV2 (Component 2)	Y, Pb, Pr×1	Audio L/R ×1
	AV3 (CVBS / S-Viveo)	RCA ×1	Audio L/R×1
		S-Video×1	
	AV Side (CVBS / S-Video)	RCA ×1	Audio L/R×1
		S-Video×1	
	HDMI 1	HDMI with HDCP,audio	
	HDMI 2	HDMI with HDCP,audio	